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INDEX TO AMERICAN MYCOLOGICAL LITERATURE

- Arthur, J. C.** New species of Uredineae—X. Bull. Torrey Club **45**: 141–156. 1 My 1918.
New species are described in *Uromyces* (2), *Puccinia* (8), *Aecidium* (10), and *Uredo* (3).
- Arthur, J. C.** Uredinales of Costa Rica based on collections by E. W. D. Holway. Mycologia **10**: 111–154. My 1918.
New species are described in *Ravenelia* (1), *Uromyces* (3), *Puccinia* (13), *Aecidium* (3), and *Uredo* (2).
- Arthur, J. C.** Uredinales of the Andes, based on collections by Dr. and Mrs. Rose. Bot. Gaz. **65**: 460–474. 15 My 1918.
Includes the new genus *Cleptomyces* and new species in *Sphenosporea* (1), *Puccinia* (4), *Aecidium* (1).
- Atkinson, G. F.** Some new species of *Inocybe*. Am. Jour. Bot. **5**: 210–218. 16 My 1918.
Twenty-four new species are described.
- Bessey, E. A., & Makemson, W. K.** Notes on the control of rye smut (*Urocystis occulta*). Ann. Rep. Michigan State Board Agr. **56**: 305–307. 1917. [Illust.]
- Boyce, J. S.** Perennial mycelium of *Gymnosporangium blasdaleanum*. Phytopathology **8**: 161, 162. Ap 1918.
- Brandes, E. W.** Anthracnose of lettuce caused by *Marssonina panattoniana*. Jour. Agr. Research **13**: 261–280. pl. C, 20 + f. 1–4. 29 Ap 1918.
- Buchanan, R. E.** Bacterial phylogeny as indicated by modern types. Am. Nat. **52**: 233–246. f. 1–3. F 1918.
- Burnham, S. H.** Lichens of the Berkshire Hills, Massachusetts. Bryologist **21**: 29–32. Mr 1918.
- Burt, E. A.** Corticiums causing Pellicularia disease of the coffee plant, Hypochnose of pomaceous fruits, and *Rhizoctonia* disease. Ann. Missouri Bot. Gard. **5**: 119–132. f. 1–3. Ap 1918.

- Carpenter, C. W.** Bean spot disease. Hawaii Agr. Exp. Sta. Ext. Bull. 8: [1-4] f. 1, 2. 14 Mr 1918.
- Coons, G. H.** Notes on Michigan plant diseases in 1916. Ann. Rep. Michigan State Board Agr. 56: 310-317. 1917.
- Coons, G. H.** Oat smut. Ann. Rep. Michigan State Board Agr. 56: 308, 309. 1917.
- Coons, G. H.** A *Phoma* disease of celery. Ann. Rep. Michigan State Board Agr. 56: 318. 1917.
- Coons, G. H.** The relation of weather to epidemics of late blight of potato. Ann. Rep. Michigan State Board Agr. 56: 317, 318. 1917.
- Coons, G. H., & Nelson, R.** The plant diseases of importance in the transportation of fruits and vegetables. 1-60. f. 1-98. Chicago. F 1918.
- Fairman, C. E.** Notes on new species of fungi from various localities—II. Mycologia 10: 164-167. My 1918.
Includes new species in *Phoma* (1), *Phomopsis* (1), *Sphaeropsis* (2), *Camarosporium* (1), *Rhabdospora* (1), *Microdiplodia* (1), *Hendersonia* (1), *Dictyochora* (1), *Platystomum* (1).
- Faull, J. H.** *Fomes officinalis* (Vill.) a timber destroying fungus. Trans. Royal Canadian Inst. Toronto 11: 185-209. pl. 18-25. 1916.
- Hodgson, R. W.** Black smut of figs. Month. Bull. State Comm. Hort. Calif. 7: 188, 189. f. 28. Ap 1918.
- Holway, E. W. D.** Infected grass seeds and subsequent rust development. Phytopathology 8: 169. 30 Ap 1918.
- House, H. D.** Report of the state Botanist, 1916. N. Y. State Mus. Bull. 197: 1-122. f. 1-12. 1 My 1918.
Includes new species in *Cercospora* (1), *Coryneum* (1), *Cryptospora* (1), *Cryptosporium* (1), *Dendrodochium* (1), *Diplodia* (2), *Eutypella* (1), *Gloeosporium* (1), *Leptosphaeria* (1), *Massarinula* (1), *Microdiplodia* (1), *Phoma* (1), *Ramularia* (1), *Septoria* (3), *Sphaeropsis* (3).
- Humbert, J. G.** Tomato diseases in Ohio. Ohio Agr. Exp. Sta. Bull. 321: 159-196. f. 1-2. F 1918. [Illust.]
- Humphrey, H. B., & Potter, A. A.** Cereal smuts and the disinfection of seed grain. U. S. Dept. Agr. Farm. Bull. 939: 1-28. f. 1-16. Ap 1918.

- Jackson, H. S.** Carduaceous species of *Puccinia*—I. Species occurring on the tribe Vernoniae. Bot. Gaz. **65**: 289–312. 15 Ap 1918.
Includes *Puccinia fraterna*, *P. hyalina*, *P. rata*, *P. idonea*, *P. notha*, *P. praealta*, *P. discreta*, *P. inaequata* and *P. Kuntzii*, spp. nov.
- Jones, F. R.** Yellow-leafblotch of alfalfa caused by the fungus *Pyrenopeziza medicaginis*. Jour. Agr. Research **13**: 307–330. pl. D, 25, 26 + 1–6. 6 My 1918.
- Keith, G. W.** Control of cherry leaf spot in Wisconsin. Wisconsin Agr. Exp. Sta. Bull. 286: 1–11. f. 1–7. F 1918.
- Lehman, S. G.** Conidial formation in *Sphaeronema fimbriatum*. Mycologia **10**: 155–163. pl. 7. My 1918.
- Lloyd, C. G.** Letter No. 66. 1–16. Cincinnati. O 1917.
- Lloyd, C. G.** Mycological notes. 51: 717–732. f. 1075–1100 + portrait. N 1917. 52: 733–748. f. 1101–1123 + portrait. D 1917; 53: 749–764, f. 1124–1148 + portrait. Ja 1918.
- Lloyd, C. G.** The myths of mycology. 1–16. Exhibits A. E. Part 1. Cincinnati. D 1917
- Long, W. H.** An undescribed canker of poplars and willows caused by *Cytospora chrysosperma*. Jour. Agr. Research **13**: 331–345. pl. 27, 28: 6 My 1918.
- Long, W. H., & Harsch, R. M.** Aecial stage of *Puccinia oxalidis*. Bot. Gaz. **65**: 475–478. 15 My 1918.
- McCubbin, W. A.** Dispersal distance of urediniospores of *Cronartium ribicola* as indicated by their rate of fall in still air. Phytopathology **8**: 35, 36. f. 1. 24 Ja 1918.
- Merrill, J. H., & Melchers, L. E.** Insects and plant diseases attacking garden crops. Kansas Agr. Exp. Sta. Circ. 65: 1–12. Ap 1918.
- Morse, A. P.** List of the water-color drawings of fungi by George E. Morris in the Peabody Museum of Salem. 1–70. Salem. 1918.
- Murphy, P. A., & Wortley, E. J.** Determination of the factors inducing leaf-roll of potatoes particularly in northern climates. (First progress report.) Phytopathology **8**: 150–154. f. 1. 30 Ap 1918.
- Murrill, W. A.** Illustrations of fungi—XXVIII. MYCOLOGIA **10**: 107–110. pl. 6. My 1918.

Pycnoporus cinnabarinus, *Poronidulus conchifer*, *Polyporus Polyporus*, *Bjerkandera adusta*, *Tyromyces amorphus*, and *Cerrena unicolor*, are illustrated in color.

Osner, G. A. *Stemphylium* leafspot of cucumbers. Jour. Agr.

Research **13**: 295-306. *pl.* 21-24 + *f.* 1-3. 29 Ap 1918.

Parr, R. The response of *Pilobolus* to light. Ann. Bot. **32**: 177-205. *f.* 1-4. Ap 1918.

Pratt, O. A. Soil fungi in relation to diseases of the Irish potato in southern Idaho. Jour. Agr. Research **13**: 73-100. *pl.* A., B + *f.* 1-4. 8 Ap 1918.

Rangel, E. Algunos fungos novas do Brasil. Arch. Jard. Bot. Rio de Janeiro **2**: 69-71. *pl.* 28-30. 1918.

New species are described in *Puccinia* (3), *Septoria* (1), *Cercospora* (1) and *Helminthosporium* (1).

Roberts, J. W., & Pierce, L. Apple bitter rot and its control. U. S. Dept. Agr. Farm. Bull. 938: 1-14. *f.* 1-3. Ap 1918.

Rhoads, A. S. Some new or little known hosts for wood-destroying fungi—II. Phytopathology **8**: 164-167. Ap 1918.

Shear, C. L. Pathological aspects of the federal fruit and vegetable inspection service. Phytopathology **8**: 155-160. 30 Ap 1918.

Sherbakoff, C. D. Tomato diseases. Florida Agr. Exp. Sta. Bull. 146: 119-132. *f.* 32-44. Mr 1918.

Stakman, E. C., & Hoerner, G. R. The occurrence of *Puccinia graminis tritici-compacti* in the southern United States. Phytopathology **8**: 141-149. *f.* 1, 2. Ap 1918.

Stevens, H. E. Melanose—II. Florida Agr. Exp. Sta. Bull. 145: 103-116. *f.* 26-31. F 1918.

Stevenson, J. A. The green muscardine fungus in Porto Rico. Jour. Dept. Agr. Porto Rico **2**: 19-32. *pl.* 1. Ja 1918.

Stevenson, J. A. Report of the department of pathology and botany. Ann. Rep. Ins. Exp. Sta. Porto Rico **1917**: 37-83. 1917.

Stevenson, J., & Rose, R. C. Vegetable diseases. Ann. Rep. Ins. Exp. Sta. Porto Rico **1917**: 83-98. 1917.

Includes *Cercospora acrocomiae* and *Tubercularia coccicola*, spp. nov.

Stewart, F. C., & Mix, A. J. Blackheart and the aeration of potatoes in storage. New York Agr. Exp. Sta. Bull. **436**: 321-362. *pl.* 1-10. Je 1917.

- Stewart, F. C.** The velvet-stemmed *Collybia*—a wild winter mushroom. N. Y. Agr. Exp. Sta. Bull. 448: 79-98. *pl.* 1-10. F 1918. [Illust.]
- Sumstine, D. R.** Fungi of Chautauqua County, New York. N. Y. State Mus. Bull. 197: 111-118. 1 My 1918.
- Thomas, H. E.** Cultures of *Aecidium tubulosum* and *A. passifloricola*. Phytopathology 8: 163, 164. 30 Ap 1918.
- Turner, W. F.** *Nezara viridula* and kernel spot of pecan: Science II. 47: 490, 491. 17 My 1918.
- Wilson, G. W.** Studies in North America Peronosporales—VII. New and noteworthy species. Mycologia 10: 168, 169. My 1918.
- Rhysotheca Acalyphae* sp. nov. is described.
- Yates, H. S.** Some recently collected Philippine fungi. Philip. Jour. Sci. 12: (Bot.) 361-380. N 1917.
- Includes 38 new species in *Meliola* (17), *Asterina* (6), *Asterinella* (1), *Morenoella* (1), *Nectria* (1), *Trabutia* (1), *Melanopsamma* (1), *Mycosphaerella* (1), *Stigmataea* (1), *Merrilliopectis* (1), *Pleospora* (1), *Hypoxydon* (1), *Nummularia* (1), *Xylaria* (1), *Pirostoma* (1), *Phyllosticta* (1), and *Melanconium* (1).
- Zeller, S. M., & Dodge, C. W.** *Gautieria* in North America. Ann. Missouri Bot. Gard. 5: 133-142. *pl.* 9. Ap 1918.
- Gautieria plumbea* sp. nov. is described.
- Zeller, S. M., & Dodge, C. W.** *Rhizopogon* in North America. An. Missouri Bot. Gard. 5: 1-36. *pl.* 1-3. F 1918.
- Nine new species are described.